

Astragalus callithrix Barneby**CALLAWAY MILKVETCH**

FAMILY: *Fabaceae*, the legume family.

STATUS: **Heritage Program WATCH LIST, ranks: G3 S3**

USFWS/ESA: none. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** none. **NNNPS:** none.

POPULATION CENSUS (NEVADA): 7 occurrences mapped; total estimated individuals unknown, total estimated area unknown. **TREND:** unknown.

IMPACTS AND MAJOR THREATS (NEVADA): No summary available (see references).

INVENTORY EFFORT (NEVADA): Not yet systematically surveyed in Nevada. Most recent entered survey 1981, average year of last survey 1980. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 71.4%; **21-30 yrs:** 28.6%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: U. S. Bureau of Land Management, Nevada state lands (?), private lands (?), Humboldt-Toiyabe National Forest (?).

RANGE: Mineral and Nye counties, Nevada; also in UT. Maximum Nevada **range dimension 210.7 km (131.0 mi)** excluding most disjunct record.

ELEVATIONS RECORDED (NEVADA): 4880-5900 feet (1487-1798 meters).

HABITAT (not yet reviewed for Nevada): "Deep, sandy soil on the valley floor or on dunes in barren openings with *Atriplex*, *Grayia*, *Chrysothamnus*, and *Artemisia*; 1550 - 1710 m (Kartesz, 1988)."

PHENOLOGY: no summary available. Range of most frequent **survey months:** May-June.

DESCRIPTION: not available (see references).

PHOTOGRAPHS: Nevada Natural Heritage Program slide collection (1986-present).

ILLUSTRATIONS: Barneby (1989), Mozingo and Williams (1980).

OTHER GENERAL REFERENCES (listed separately): Barneby (1964), Goodrich (1981), Welsh et al. (1993).

SPECIFIC REFERENCES:

Welsh, S. L. 1981. Species information for *Astragalus callithrix*. Carson City: Nevada Natural Heritage Program files.
